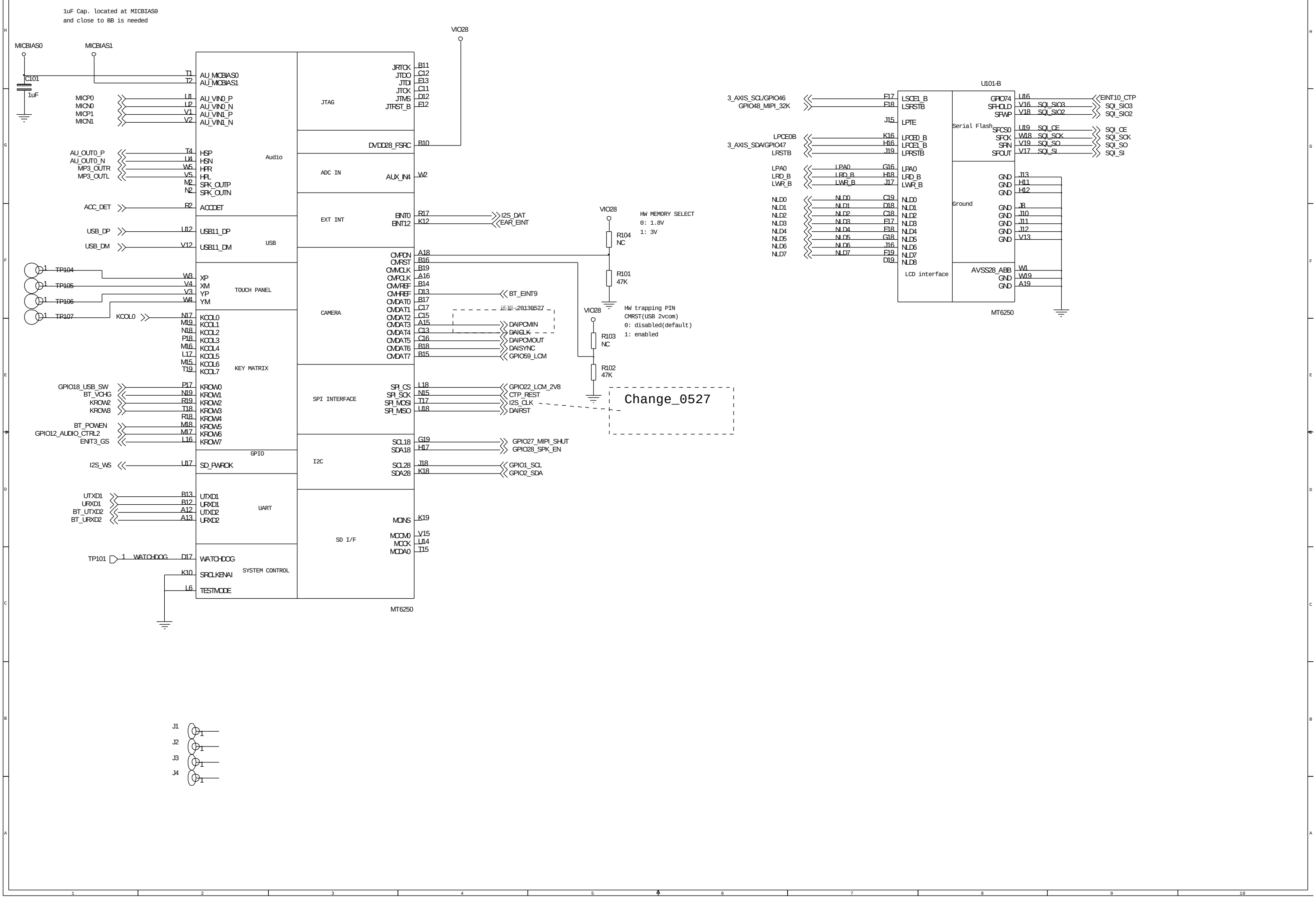
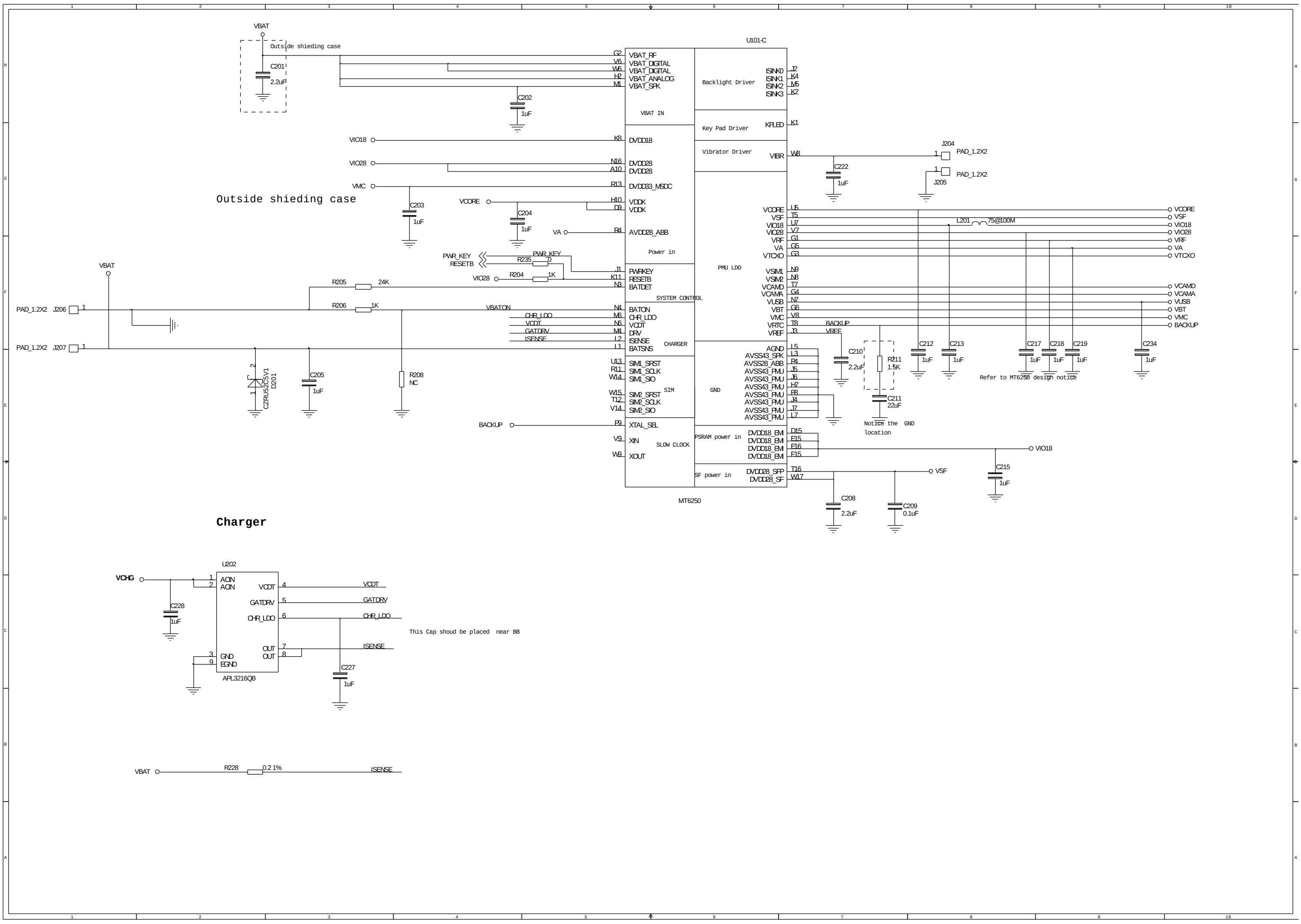
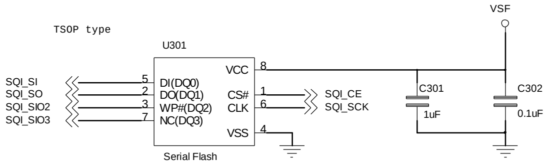
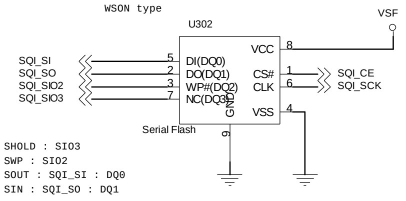
Please reserve test point

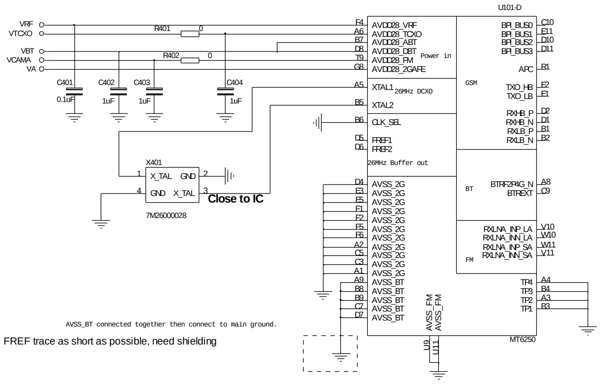




Outside shieding case
Charger
U101-C
MT6250
VBAT
Outside shieding case
C201
2.2uF
C202
1uF
VBAT_RF
VBAT_DIGITAL
VBAT_DIGITAL
VBAT_ANALOG
VBAT_SPK
VBAT IN
Backlight Driver
ISINK0
ISINK1
ISINK2
ISINK3
Key Pad Driver
KPLED
Vibrator Driver
VIBR
VIO18
VIO28
VMC
VCORE
VA
DVDD18
DVDD28
DVDD28
DVDD33_MSDC
VDDK
VDDK
AVDD28_ABB
Power in
C203
1uF
C204
1uF
PWR_KEY
RESETB
R235
0
R204
1K
PWRKEY
RESETB
BATDET
SYSTEM CONTROL
R205
24K
R206
1K
VBATON
CHR_LDO
VCDT
GATDRV
ISENSE
BATON
CHR_LDO
VCDT
DRV
ISENSE
BATSNS
CHARGER
PAD_1.2X2
J206
J207
C205
1uF
R208
NC
CZRU52C5V1
D201
SIM1_SRST
SIM1_SCLK
SIM1_SIO
SIM2_SRST
SIM2_SCLK
SIM2_SIO
SIM
BACKUP
XTAL_SEL
XIN
XOUT
SLOW CLOCK
PMU LDO
VCORE
VSF
VIO18
VIO28
VRF
VA
VTCXO
VSIM1
VSIM2
VCAMD
VCAMA
VUSB
VBT
VMC
VRTC
VREF
AGND
AVSS43_SPK
AVSS28_ABB
AVSS43_PMU
GND
PSRAM power in
DVDD18_EM
SF power in
DVDD28_SFP
DVDD28_SF
J204
J205
C222
1uF
L201
75@100M
VCAMD
VCAMA
VUSB
VBT
VMC
BACKUP
VREF
C210
2.2uF
R211
1.5K
C211
22uF
Notice the GND location
C212
C213
C217
C218
C219
C234
1uF
Refer to MT6250 design notice
C215
1uF
C208
2.2uF
C209
0.1uF
U202
VCHG
AC_IN
VCDT
GATDRV
CHR_LDO
OUT
GND
EGND
APL3216QB
C228
1uF
C227
1uF
This Cap shoud be placed near BB
R228
0.2 1%
ISENSE

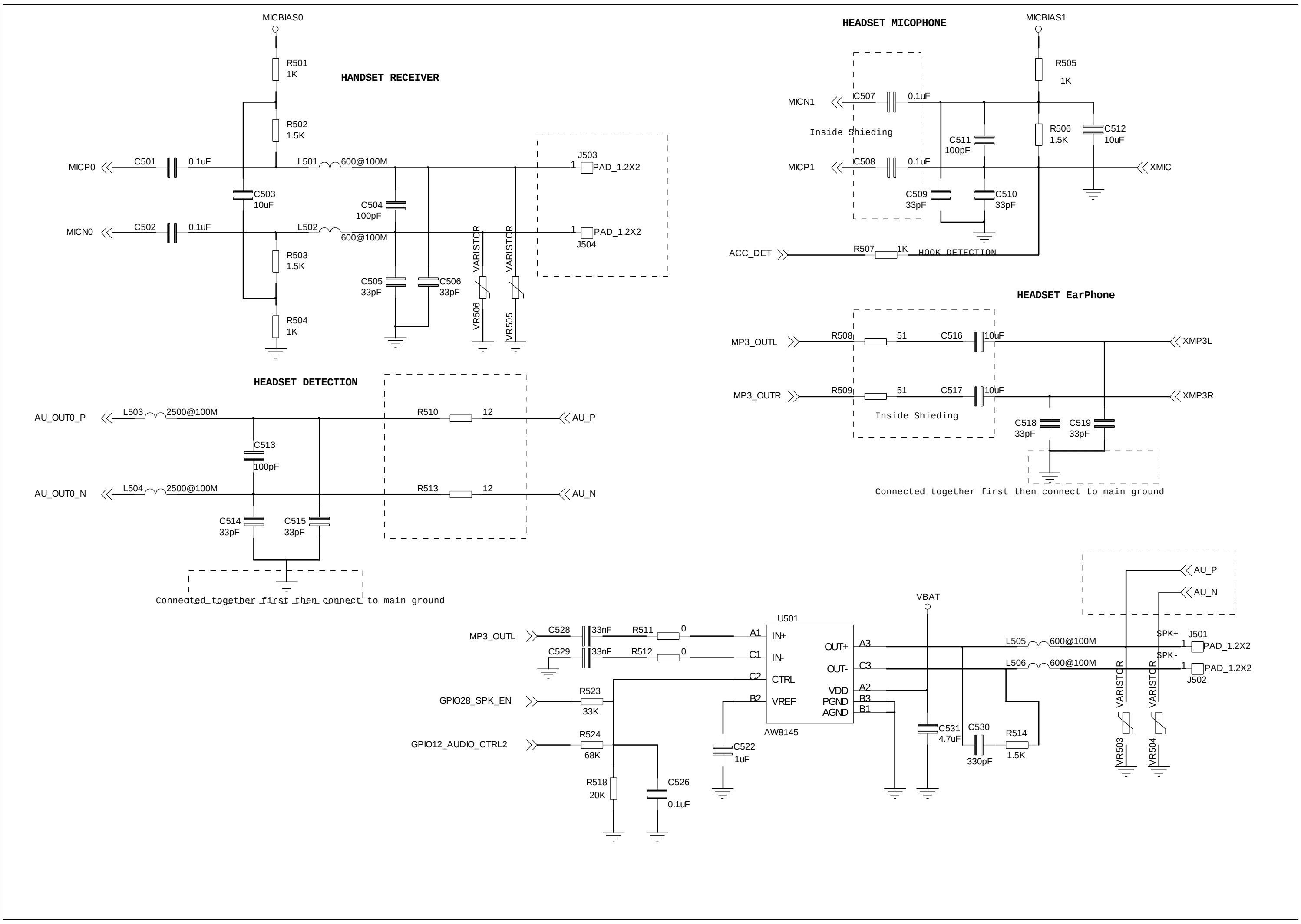

TSOP type
U301
VSF
VCC
8
SQI_SI
SQI_SO
SQI_SIO2
SQI_SIO3
5
2
3
7
DI(DQ0)
DO(DQ1)
WP#(DQ2)
NC(DQ3)
CS#
CLK
1
6
SQI_CE
SQI_SCK
VSS
4
C301
1uF
C302
0.1uF
Serial Flash


WSON type
U302
VSF
VCC
8
SQI_SI
SQI_SO
SQI_SIO2
SQI_SIO3
5
2
3
7
DI(DQ0)
DO(DQ1)
WP#(DQ2)
NC(DQ3)
CS#
CLK
1
6
SQI_CE
SQI_SCK
GND
9
VSS
4
Serial Flash
SHOLD : SIO3
SWP : SIO2
SOUT : SQI_SI : DQ0
SIN : SQI_SO : DQ1

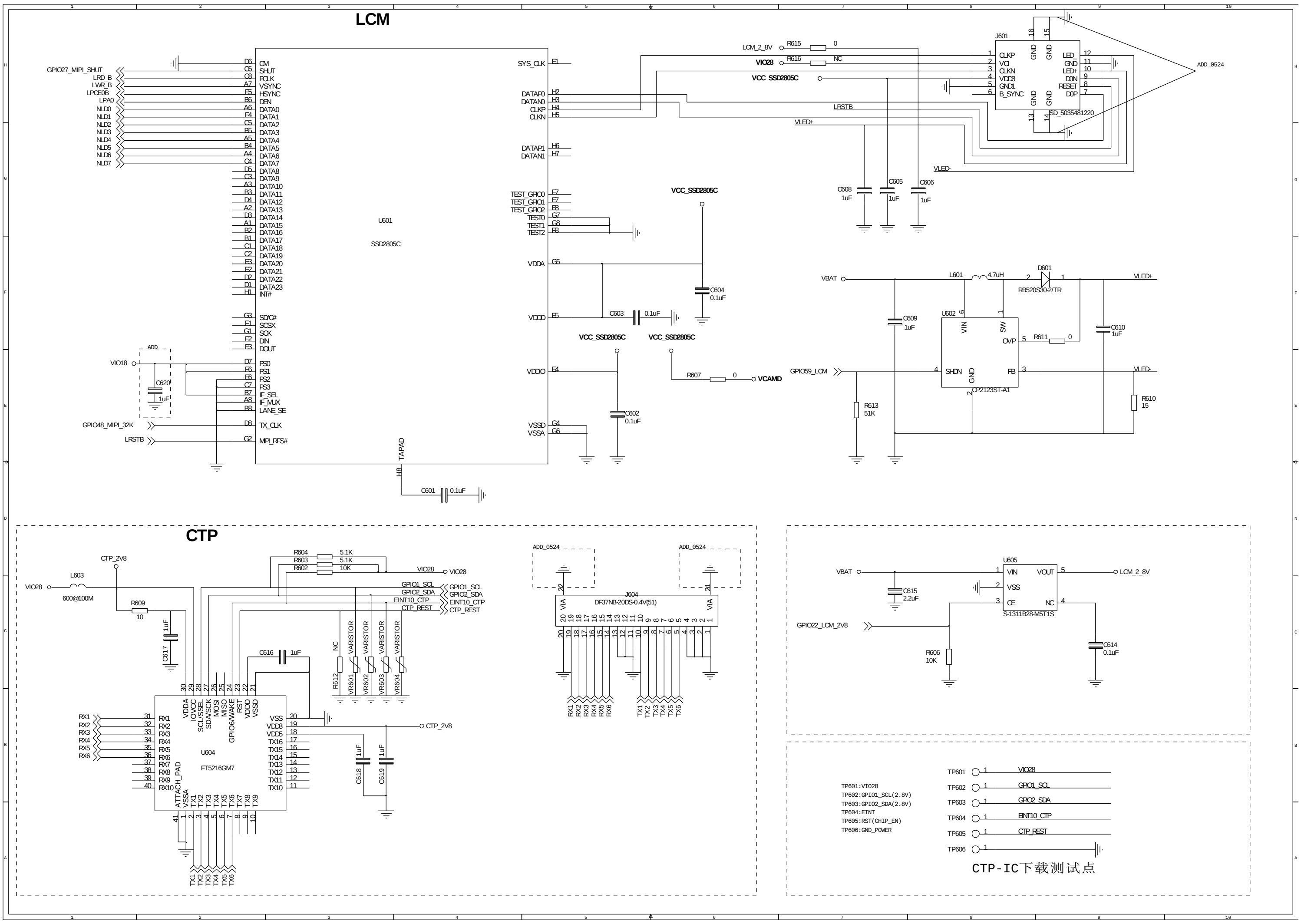


AVSS_BT connected together then connect to main ground.

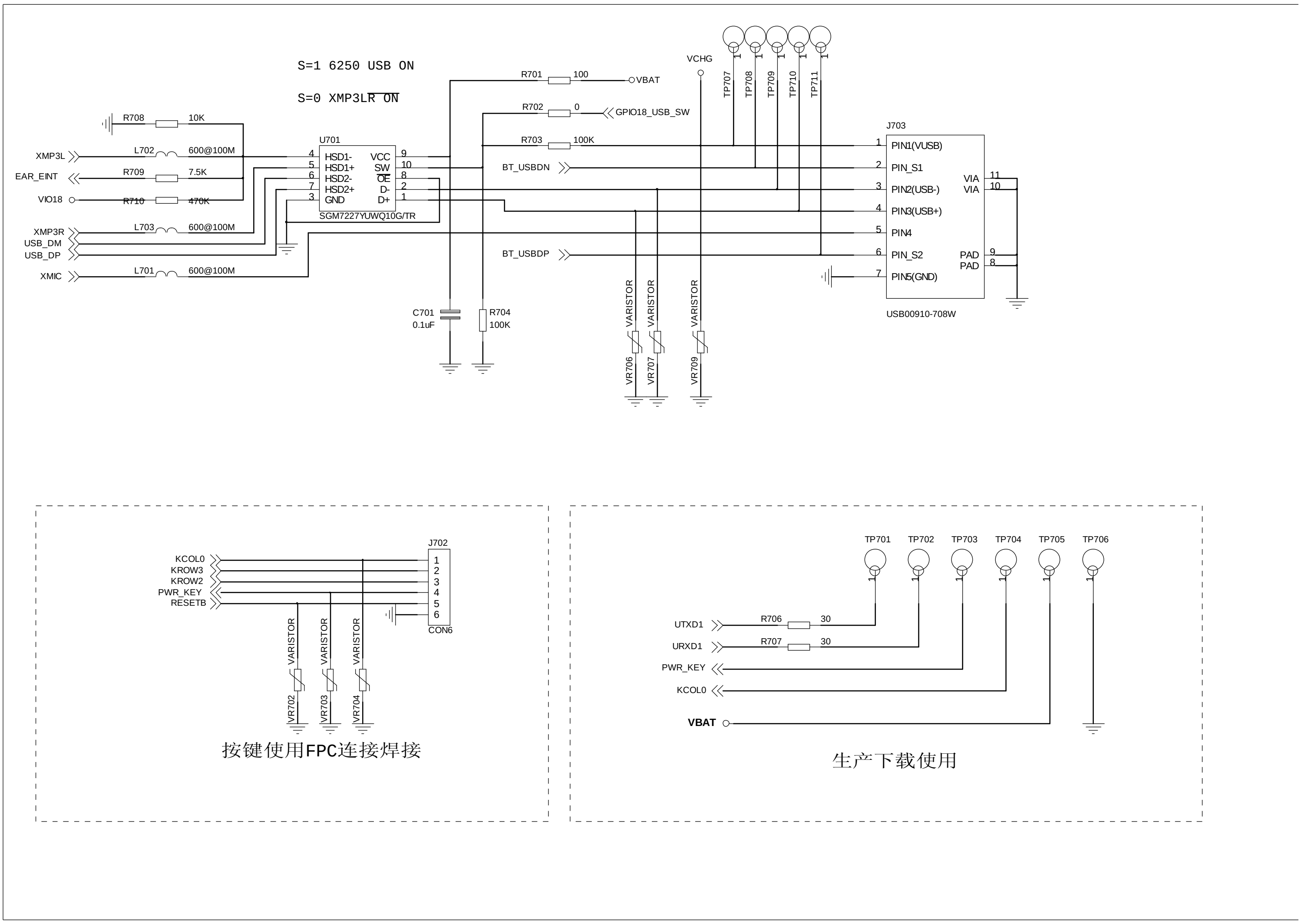
FREF trace as short as possible, need shielding



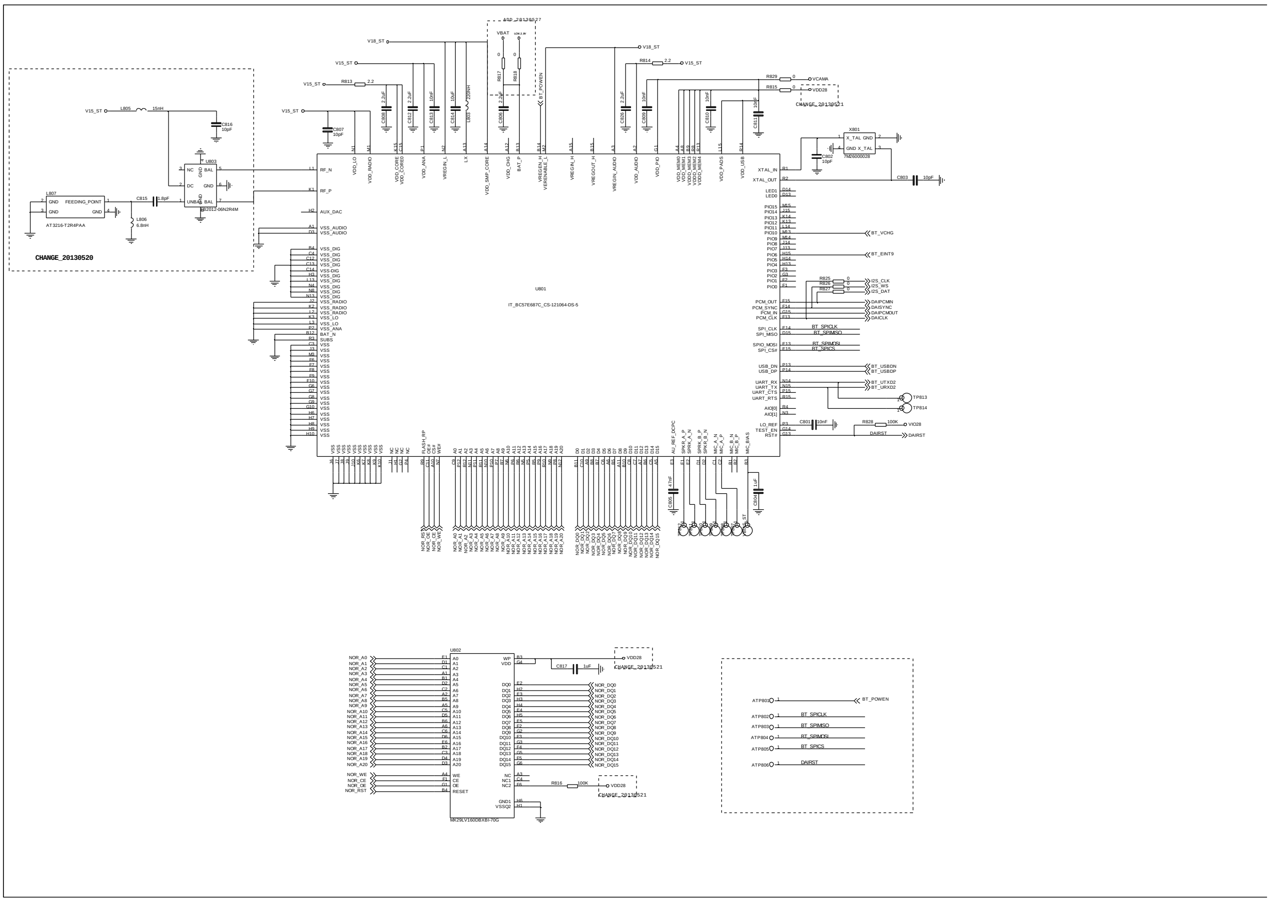
HANDSET RECEIVER
MICBIAS0
R501 1K
R502 1.5K
MICP0
C501 0.1uF
L501 600@100M
J503
PAD_1.2X2
C503 10uF
C504 100pF
MICN0
C502 0.1uF
L502 600@100M
J504
R503 1.5K
R504 1K
C505 33pF
C506 33pF
VARISTOR
VR506
VR505
HEADSET MICOPHONE
MICBIAS1
R505 1K
MICN1
C507 0.1uF
Inside Shieding
C511 100pF
R506 1.5K
C512 10uF
MICP1
C508 0.1uF
XMIC
C509 33pF
C510 33pF
ACC_DET
R507 1K
HOOK DETECTION
HEADSET EarPhone
MP3_OUTL
R508 51
C516 10uF
XMP3L
MP3_OUTR
R509 51
C517 10uF
XMP3R
Inside Shieding
C518 33pF
C519 33pF
Connected together first then connect to main ground
HEADSET DETECTION
AU_OUT0_P
L503 2500@100M
R510 12
AU_P
C513 100pF
AU_OUT0_N
L504 2500@100M
R513 12
AU_N
C514 33pF
C515 33pF
Connected together first then connect to main ground
MP3_OUTL
C528 33nF
R511 0
C529 33nF
R512 0
U501
AW8145
A1 IN+
C1 IN-
C2 CTRL
B2 VREF
OUT+ A3
OUT- C3
VDD A2
PGND B3
AGND B1
GPIO28_SPK_EN
R523 33K
GPIO12_AUDIO_CTRL2
R524 68K
R518 20K
C526 0.1uF
C522 1uF
VBAT
C531 4.7uF
C530 330pF
R514 1.5K
L505 600@100M
L506 600@100M
SPK+
SPK-
J501
J502
PAD_1.2X2
AU_P
AU_N
VARISTOR
VR503
VR504



LCM
U601
SSD2805C
VCC_SSD2805C
LCM_2_8V
VIO28
VLED+
VLED-
LRSTB
VBAT
L601
4.7uH
D601
RB520S30-2/TR
U602
CP2123ST-A1
GPIO59_LCM
VCAMD
GPIO27_MIPI_SHUT
GPIO48_MIPI_32K
VIO18
J601
SD_5035481220
ADD_6524
CTP
U604
FT5216GM7
CTP_2V8
L603
600@100M
GPIO1_SCL
GPIO2_SDA
EINT10_CTP
CTP_REST
J604
DF37NB-20DS-0.4V(51)
U605
S-1311B28-M5T1S
GPIO22_LCM_2V8
TP601:VIO28
TP602:GPIO1_SCL(2.8V)
TP603:GPIO2_SDA(2.8V)
TP604:EINT
TP605:RST(CHIP_EN)
TP606:GND_POWER
CTP-IC下载测试点



S=1 6250 USB ON
S=0 XMP3LR ON
R701 100 VBAT
R702 0 GPIO18_USB_SW
R703 100K
R708 10K
XMP3L L702 600@100M
EAR_EINT R709 7.5K
VIO18 R710 470K
XMP3R L703 600@100M
USB_DM
USB_DP
XMIC L701 600@100M
U701
HSD1- HSD1+ HSD2- HSD2+ GND
VCC SW OE D- D+
SGM7227YUWQ10G/TR
BT_USBDN
BT_USBDP
C701 0.1uF
R704 100K
VCHG
TP707 TP708 TP709 TP710 TP711
VARISTOR VR706
VARISTOR VR707
VARISTOR VR709
J703
PIN1(VUSB)
PIN_S1
PIN2(USB-)
PIN3(USB+)
PIN4
PIN_S2
PIN5(GND)
VIA VIA PAD PAD
USB00910-708W
KCOL0
KROW3
KROW2
PWR_KEY
RESETB
J702
CON6
VARISTOR VR702
VARISTOR VR703
VARISTOR VR704
按键使用FPC连接焊接
TP701 TP702 TP703 TP704 TP705 TP706
UTXD1 R706 30
URXD1 R707 30
PWR_KEY
KCOL0
VBAT
生产下载使用



Title		
M888_MB_POWER		
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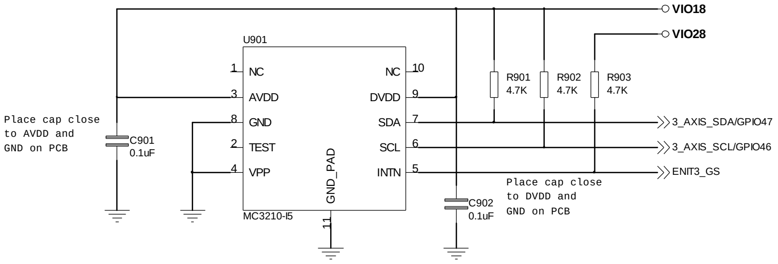
Date: Thursday, July 18, 2013	Sheet 8 of 10	

3_AXIS ACCELEROMETER



变更记录：在W1(6250)_MB_P2_D007基础上改动

1.删除R608

2.删除GPIO14_LCM_1V8口及R614

3.U605更换为单路2.8V LDO（S-1311B28-M5T1S）

4.重力加速器U901更换为MC3210-I5及搭建其匹配电路